PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032

46,147

03/11/2004

Date

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION TRANSMITTAL

Sianature

Attorney Docket No. 199-0231US First Inventor Sievers, John Title METHOD AND APPARATUS FOR IMPROVING

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents Б ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. P. O. Box 1450 Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission 2. See 37 CFR 1.27. (if applicable, all necessary) 53 Computer Readable Form (CRF) Specification [Total Pages 20 (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the invention CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications Statement Regarding Fed sponsored R & D ng Paper - Reference to sequence listing, a table, or a computer program listing appendix Statements verifying identity of above cop - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description 9. Assignment Papers (cover sheet & document(s) 6) - Claim(s) 37 CFR 3.73(b) Statement - Abstract of the Disclosure 10. Power of Attorney (when there is an assignee) English Translation Document (if applicable) receive 4. | **/** Drawing(s) (35 U.S.C. 113) [Total Sheets 2 Information Disclosure Copies of ID 12. Statement (IDS)/PTO-1449 Citations Oath or Declaration Total Pages 13. Preliminary Amendment Newly executed (original or copy) not Return Receipt Postcard (MPEP 503) 14. Copy from a prior application (37 CFR 1.63(d)) (Should be specifically itemized) Certified Copy of Priority Document(s) (for continuation/divisional with Box 18 completed) otp ′ 15. (if foreign priority is claimed) DELETION OF INVENTOR(S) Nonpublication Request under 35 U.S.C. 122 i. 16. (b)(2)(B)(i). Applicant must attach form PTO/SB/3 Signed statement attached deleting inventor(s) PTO or its equivalent. named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 17. Other: Application Data Sheet. See 37 CFR 1.76 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the T specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group / Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number: 29855 Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Registration No. (Attorney/Agent) Billy

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Complete if Known

Application Number

Filling Date

First Named Inventor Sievers, John

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Examiner Name

Art Unit

TOTAL AMOUNT OF PAYMENT

(\$) \$1,090.00

Attorney Docket No. 199-0231US

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)		
Check Credit card Money Other None		DDITIONAL FEES				
Deposit Account:	Large F	ntity_ Fee	Smal Fee	Entity Fee	L Fee Description	Fee Paid
Deposit Account 501922	Code 1051	( <b>\$)</b>	2051	(\$) 65	Surcharge - late filing fee or oath	ree raiu
Number	1052	50	2052		Surcharge - late provisional filing fee or cover	
Deposit Account Wong Cabello Lutsch Rutherford	1053	130	1053	130	sheet Non - English specification	
Name (charles with the stand of		2,520		2,520	For filing a request for ex parte reexamination	
The Director is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments	1804	920*	1804		Requesting publication of SIR prior to Examiner	
Charge any additional fee(s) or any underpayment of fee(s)	1				action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month	
Large Entity   Small Entity	1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	
1001 770 2001 385 Utility filing fee 770.00	1401	330	2401	165	Notice of Appeal .	
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770 2004 385 Reissue filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) \$770.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND	1501	1,330	2501	665	Utility issue fee (or reissue)	
Fee from	1502	480	2502	240	Design issue fee	
Extra Claims below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims 33 -20** = 13 X 18.00 = 234.00 Independent 4 - 3** = 1 X 86.00 = 86.00	1460	130	1460	130	Petitions to the Commissioner	
Claims   1   00.00   0	1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
Large Entity   Small Entity	1806	180	1806	180	Submission of Information Disclosure Statement	·
Fee Fee Fee Fee Description Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined	
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	(37 CFR § 1.129(b)) Request for Continued Examination (RCE)	
over original patent	1802	900	1802	900	Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	Othe	er fee (:	specify)		of a design application	
SUBTOTAL (2) (\$) \$320.00		·				
**or number previously paid, if greater; For Reissues, see above	*Red	uced b	y Basic	Filing	Fee Paid SUBTOTAL (3)	

SUBMITTED BY

Name (Print/Type)

Billy Allen

(Attorney/Agept)

Signature

Complete (if applicable)

Registration No. (Attorney/Agept)

46,147

Telephone

832-446-2400

Date

March 11, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.